

Safety Data Sheet

DEW Oven & Appliance Cleaner

Revision History: Current version: 1.1 / EU
Dated: 25-02-2025
Replaces: 26-07-2024

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Technical name: DEW Catholyte Electrolysed Water

Trade names: DEW Oven & Appliance Cleaner.

1.2. Relevant identified uses of the substance or mixture and uses advised against.

Recommended uses: General purpose oven & appliance cleaner.

Always read the label and product information before use. This safety data sheet contains general information concerning the chemical, but specific instructions and guidelines are indicated on the product label and in the instructions for use.

1.3. Details of the supplier of the safety data sheet.

Manufacturer: Ecoanolytes Limited.
6 Lawside Road, Dundee. DD3 6BQ. Scotland. U.K.
+44 (0)1382 293436
SDS Contact: SDS@ecoanolytes.com

Distributor:
(Stamp required)

1.3.1 Responsible Person: Ecoanolytes (Ireland) Limited.

1.4. Emergency telephone number. +44 (0) 7500 821822

Emergency telephone comments: Only available Monday to Friday between 9 a.m. and 5 p.m. GMT or BST as appropriate. Language - English.

Section 2: Hazards identification

2.1 Classification of Substance or mixture:

The product is not classified as hazardous, according to EU classification and labelling rules. Regulation (EC) No 1272/2008.

2.2 Label elements: N/A

2.3 Other hazards: N/A

Section 3: Composition/information on the ingredients

3.2 Mixtures: This product does not meet the criteria for hazard classification, according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

3.2.2 Ingredients:

| Substance | CAS-No | EINICS-No | Wt/vol % | CLP Classification | SLC, ATE, M-factor |
|---------------------|--------------|-----------|-----------------|---|--------------------|
| Water | 7732-18-5 | 231-791-2 | 99.25% - 99.35% | N/A | N/A |
| Cationic Surfactant | 1554325-20-0 | N/A | 0.43% - 0.47% | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 | N/A |
| Sodium Chloride | 7647-14-5 | 231-598-3 | 0.17% - 0.22% | N/A | N/A |
| Sodium Hydroxide | 1310-73-2 | 215-185-5 | 0.05% - 0.06% | N/A | N/A |

Section 4: First aid Measures

4.1. Description of first aid measures

| | |
|----------------------------|--|
| Eye contact: | If irritation occurs, flush with cool fresh water. |
| Skin Contact: | If irritation occurs, wash the skin wash with soap and warm water. |
| Ingestion: | Drink cool fresh water, to flush through and dilute. |
| Inhalation: | If irritation occurs, remove at once to fresh air. |
| Protection for First Aider | No special protection required |

4.2. Most important symptoms and effects, both acute and delayed

In extremely rare cases, may cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

Section 5: Fire Fighting Measures

The solution is not flammable. There are no special requirements for this product.

Section 6: Accidental Release Measures

6.1. Personal precautions:

None.

6.2. Environmental precautions:

The solution is biodegradable and has a limited activation period.
There are no known potential risks to the environment.

6.3. Methods and material for containment and cleaning up

Wipe up with disposable towels, or with a mop. There are no special disposal instructions.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

Section 7: Handling and Storage

7.1. Precautions for safe handling:

None normally required, however, for those with extremely sensitive skin, some protection may be advisable. Avoid contact with ammonia.

7.2 Conditions for safe storage including any incompatibilities :

Store in a cool, dry, ventilated area, in originally supplied, sealed, plastic containers and ensure the solution is correctly labelled

7.3. Specific end use(s)

General purpose oven & appliance cleaner.

Section 8: Exposure Control/ Personal Protection

8.1. Control parameters

As per Directive 2000/39/EC as subsequently amended, this product contains no substances subject to reporting requirements.

8.2. Exposure controls

8.2.1. Appropriate Engineering Controls: None

8.2.2. Individual protection measures:

Under normal usage conditions, no precautions are required.

8.2.3. Environmental Exposure Controls:

None

Section 9: Chemical and Physical Properties

9.1. Information on basic physical and chemical properties:

| | |
|---|--|
| Physical state: | Liquid |
| Colour and Appearance: | Clear, transparent liquid (like water) |
| Odour: | Mild odour, depending upon the strength of the solution. |
| Solubility in water: | Completely soluble |
| PH-values: | 11.5 - 13 |
| Freezing-point: | 0°C. |
| Boiling-point: | 100°C. |
| Flammability: | N/A |
| Flash point: | N/A |
| Upper/lower flammability limits: | N/A |
| Upper/lower explosive limits: | N/A |
| Density: | app. 1,000 kg.m ³ |
| Steam-pressure: | app. 2,330 Pa |
| Relative density: | 1 |
| Particle Characteristics: | N/A |

9.2. Other information:

9.2.1. Information with regard to physical hazard classes: None

9.2.2. Other safety characteristics: None

Section 10: Stability and Reactivity

10.1. Reactivity Not know to be reactive.

10.2. Chemical stability The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid Do not use with other cleaning solutions, particularly those containing Ammonia.

10.5. Incompatible materials Generally the solution does not react with other materials. With unprotected aluminium and TPE plastics it has poor compatibility.

10.6. Hazardous decomposition products

None known.

Section 11: Toxicological Information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - oral: The product does not have to be classified. However, ingestion of large quantities may cause discomfort.

Acute toxicity - dermal: The product does not have to be classified.

Acute toxicity - inhalation: The product does not have to be classified.

Skin corrosion/irritation: The product does not have to be classified. However, may cause slight irritation for those with extremely sensitive skin.

Serious eye damage/eye irritation:

Data for related material suggests this could produce conjunctivitis irritation.

Respiratory sensitisation or skin sensitisation:

The product does not have to be classified.

Germ cell mutagenicity: The product does not have to be classified.

Carcinogenic properties: The product does not have to be classified.

Reproductive toxicity: The product does not have to be classified.

Single STOT exposure: The product does not have to be classified. However, inhalation of vapours directly from a freshly opened container, may cause minor irritation to the upper airways.

Repeated STOT exposure: The product does not have to be classified.

Aspiration hazard: The product does not have to be classified.

Other toxicological effects: None known.

11.2. Information on other hazards

11.2.1 Endocrine disrupting properties: The product is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU)2017/2100 or Commission Regulation (EU)2018/605.

11.2.2 Other properties: N/A.

Section 12: Ecological Information

12.1. Toxicity

Transient toxicity to aquatic life.

Fish - LC50: > 10 - 100 mg/l. Exposure time: 96 h

Daphnia - EC50: > 1 - 10 mg/l. Exposure time: 48 h

Algae - EC50: > 1 - 10 mg/l. Exposure time: 72 h

12.2. Persistence and degradability

100% biodegradable.

12.3. Bio-accumulative potential

No bio-accumulation expected.

12.4. Mobility in soil

No test data available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine Disrupting Properties

None known.

12.7. Other adverse effects

None known.

Section 13: Disposal Procedures

There are no special disposal procedures.

Section 14: Transport procedures

The product is not covered by the rules for transport of dangerous goods.

14.1. UN number: N/A

14.2. UN proper shipping name: N/A

14.3. Transport hazard class(es): N/A

14.4. Packing group: N/A

14.5. Environmental hazards: N/A

14.6. Special precautions for user: N/A

14.7. Maritime transport in bulk according to IMO instruments: N/A

Section 15: Regulatory Information

Regulation (EC) No 1272/2008 classification, labelling and packaging (CLP) of substances and mixtures. Ecoanolytes Ltd.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: None.

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out.

Section 16: Other Information

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative

STOT: Specific Target Organ Toxicity

Classification method: Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

H-phrases: H302 Acute Tox. 4.
H315 Skin Irrit. 2.
H318 Eye Dam. 1.

Duty of Care: As part of their duty of care, we advise that users have a working knowledge of the contents of this safety data sheet prior to use. The information contained in this data sheet is representative of typical product but batches may exhibit minor variations. In case of doubt or for clarification please contact Ecoanolytes Ltd.

Ecoanolytes Ltd. is unable to anticipate all conditions under which the product may be used, and users are advised to carry out an assessment of workplace risk and carry out their own tests to determine Safety and Suitability for the process and conditions of use.

This safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) and (EU) 2020/878) as subsequently amended.

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DEW Home Care Products

By



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